AirKing Ventilation Products®

RECIRCULATING HUMIDIFIER

3 GALLON MODEL 3LA80A/9915A

READ AND SAVE THESE INSTRUCTIONS

READ CAREFULLY BEFORE ATTEMPTING TO ASSEMBLE, INSTALL, OPERATE OR MAINTAIN THE PRODUCT DESCRIBED. PROTECT YOURSELF AND OTHERS BY OBSERVING ALL SAFETY INFORMATION. FAILURE TO COMPLY WITH INSTRUCTIONS COULD RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE!

RETAIN INSTRUCTIONS FOR FUTURE REFERENCE.

DESCRIPTION

The AirKing 3 Gallon (11.4 liter) Humidifier features 3-Speed whisper-quiet operation. This unit is capable of humidifying up to 1500 sq. ft. (166.7 sq. yards) and features a 7.5 ft. (2.3 m) 18/3 cord set.

SPECIFICATIONS

Motor ..... 120V / 60Hz
Blade diameter ..... 6" (15.24 cm)
Speeds 3
Control ..... Rotary Switch
Approvals ..... UL/CUL Listed

MODEL	3LA80A/9915A		
SPEED	HIGH	MED	LOW
RPM	1975	1750	1550
Amps	0.650	0.500	0.400
Watts	33.7	27.7	22.7
dB A	55	52	50

GENERAL SAFETY INFORMATION

1. Make certain that the power source conforms to the electrical requirements of the Humidifier.
2. The power cord is equipped with a three-prong grounded plug that must be inserted into a matching receptacle. Under no circumstances must the grounding prong be cut off the plug. Where a two-prong wall receptacle is encountered, it must be replaced with a properly grounded three-prong receptacle installed in accordance with the National Electrical Code (NEC) and all applicable local codes and ordinances. This work must be done only by a qualified electrician, using copper wire only.

WARNING: USE OF A THREE-PRONG TO TWO-PRONG ADAPTER IS NOT RECOMMENDED. IMPROPER CONNECTION MAY CREATE THE RISK OF ELECTROCUTION. USE OF SUCH ADAPTERS ARE NOT PERMITTED IN CANADA.

WARNING: THIS PLUG IS A SAFETY FEATURE. TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK AND PERSONAL INJURY, DO NOT REMOVE, REPLACE, REPAIR OR TAMPER WITH THE ORIGINALLY SUPPLIED PLUG. IF THE FAN DOES NOT FUNCTION PROPERLY, IT MAY BE DUE TO THE SAFETY DEVICE INCORPORATED IN THIS PLUG. RETURN TO AN AUTHORIZED SERVICE CENTER OR CALL 800-233-0268, MONDAY - FRIDAY, BETWEEN 8:00 AM AND 5:00 PM EST. IF THE PLUG WARNING LABEL IS MISSING OR DAMAGED, CALL THE TOLL FREE NUMBER FOR A REPLACEMENT LABEL.

3. Where possible, avoid the use of extension cords. If they must be used, minimize the risk of overheating by ensuring that they are UL listed and of the proper gage and length. Never use a single extension cord to operate more than one Humidifier.
4. Do not insert fingers or foreign objects into the Humidifier. Do not block or tamper with the Humidifier in any manner while it is in operation. Do not touch the Humidifier while in operation or just after it has been turned off, as some parts may be hot enough to cause injury.
5. Unplug power cord before filling or servicing the Humidifier.

WARNING: DO NOT DEPEND UPON THE ON-OFF SWITCH AS THE SOLE MEANS OF DISCONNECTING POWER WHEN FILLING OR SERVICING THE HUMIDIFIER. ALWAYS UNPLUG THE POWER CORD.

6. This Humidifier is intended for general use ONLY. It must NOT be used in potentially dangerous locations such as flammable, explosive, chemical-laden or wet atmospheres.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT USE THIS HUMIDIFIER WITH ANY SOLID STATE SPEED CONTROL DEVICE.

7. Always place the Humidifier in on a stable, flat, level surface when operating, to avoid the chance of the Humidifier overturning. Locate the Power Cord so the Humidifier or other objects are not resting on it. Keep the Power Cord away from room traffic.
8. Always direct air flow away from walls and furniture. Excessive moisture may cause damage.
9. Completely reassemble Humidifier, according to instructions, before reconnecting to power supply.
10. Humidifiers require regular cleaning to maintain proper operating conditions. Refer to the CLEANING section for proper cleaning procedures.

NOTE: A few droplets of water may be present in your Humidifier as a result of our quality testing prior to packaging and shipment.

OPERATION INSTRUCTIONS

1. It is recommended that all Humidifiers be cleaned prior to use. Please read **CLEANING** and **FILTER CARE** section, for Base cleaning.
2. Remove the Upper Housing from the Base. Make sure that the Evaporative Pad is properly placed in the Base. ***(Figure 1)***

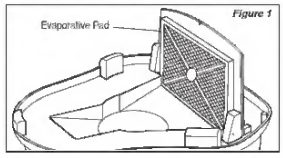

Figure 1

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3. Even though your Humidifier will produce approximately 3 gallons in a 24 hour period*, the water capacity (amount of water the Humidifier will hold at one time) is 1.75 gallons.
4. You may fill your **Recirculating Evaporative Humidifier** two different ways:
   A) Fill the Base with cool water to level indicated in ***Figure 2A***.
   B) Replace the Upper Housing on the Base and push Water Lens down to pour water into the Humidifier ***(Figure 2B)*** until it reaches the level indicated in ***Figure 2A***.

Figure 2A

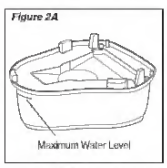
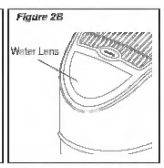


Figure 2B



Do not overfill and never use hot water.

CAUTION: Do not pour water through the Exhaust Grill on the Upper Housing. Doing so may cause damage and personal injury.

Do not overfill. Overfilling the Unit may cause rust or damage.

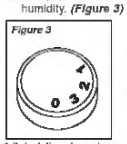
Always carry filled Humidifier carefully. Never move water filled Humidifier while plugged in.

5. Take extra care to prevent water spillage that may damage furniture or flooring. **The manufacturer will not accept responsibility for damage to property caused by water spillage.**
6. Always be sure that the Power Control Knob is in the **OFF (0) position when plugging Humidifier into a grounded 120 volt AC wall outlet.**

CAUTION: Do not plug Humidifier into electrical outlet with wet hands, or electrical shock may occur.

7. Set Moisture Control Knob to regulate desired amount of humidity. ***(Figure 3)***

Figure 3



HIGH (3): For fast humidification of a large room. This setting will provide approximately 3 gallons of moisture output in a 24 hour period.*

MED (2): For normal operation.

LOW (1): For quiet, night time operation.

* Calculations based on ambient conditions of 70° F and 30% relative humidity in a room of average insulation.

8. Water usage will vary depending upon initial humidity level in the room. If humidity is low, the Unit will use water more rapidly until the humidity in the room is stabilized. If the humidity in already near or above 50% relative humidity, water consumption will be low.

CAUTION: Be careful not to direct airflow towards walls or furniture, as excessive moisture may cause damage.

9. Refill Humidifier when water level in the Base is low.
10. If you do not plan to use your Humidifier for several days, empty all water from the Unit. Standing water may provide an environment for the growth of algae.

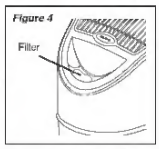
CLEANING and FILTER CARE

1. Regular cleaning is necessary to ensure proper and efficient operation. The frequency of cleaning depends on the amount of impurities which may be found in the water or how often the Humidifier is in operation. **In either instance, it is recommended that the Humidifier be cleaned at least once a week.**

CAUTION: To prevent electric shock, always turn Control Knob to OFF (0) position and unplug before cleaning.

2. Remove Upper Housing from Base. **Be careful not to let excess water from a pump spill onto furniture or flooring.**

Figure 4



3. With water lens pushed down, the filter may be removed for cleaning or replacing. ***(Figure 4)***
4. Remove Evaporative Pad Holder from Base and inspect Small Water Drip Holes for any blockage. ***(Figure 5)***

It is important that these Drip Holes remain open at all times for proper water supply to Evaporative Pad.

Figure 5

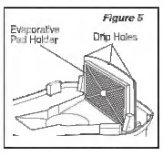
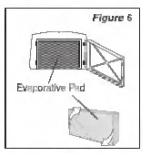


Figure 6



5. To increase the life of your Evaporative Pad, unsnap Holder, remove Pad and flip over. ***(Figure 6)***
   Evaporative Pad life may be extended by cleaning the Pad in a vinegar solution. To clean Pad, mix one part undiluted vinegar with four parts warm tap water. Soak the Pad in this solution for 20 minutes, rinse Pad thoroughly with warm water to remove vinegar odor.

DO NOT FLATTEN, SQUEEZE OR TWIST FILTER WHEN CLEANING.

6. Discoloration of the Evaporative Pad is normal after extended use. The discoloration is caused by mineral deposits in the water, and the degree of discoloration will vary depending upon the amount of mineral content in the water. When the Pad surface area is thoroughly discolored, or you notice reduced water usage, it is a good indicator that the Evaporative Pad needs to be replaced. The Evaporative Pad should be replaced at least once every season.

The Replacement Pad to be used in this unit is:

The Replacement Evaporative Pad Model 9932 (Available Separately)

7. **TO DESCALE BASE AND DRIP SHIELD:** Mix one part undiluted white vinegar with four parts warm tap water. Let vinegar solution stand for 20 minutes then wipe away any scale buildup using a soft brush or cloth. **Do not use soap or detergents and never use an abrasive cleaner.**
8. **TO DISINFECT BASE AND DRIP SHIELD:** Fill with 1 teaspoon of chlorine bleach and 1 gallon of water. Let solution stand for 20 minutes. Carefully empty Jug and rinse well with water until bleach smell is gone.

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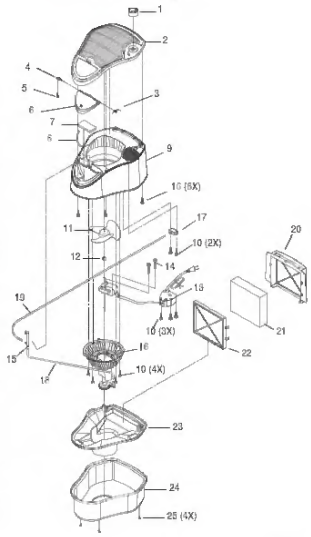
9. Use a dry soft cloth to wipe the Chassis area, which includes the motor area. **DO NOT use water to clean the Motor or Switch area. Doing so may result in electrical shock or damage to the Humidifier.**
10. Commercial "Descalers" and "Bacteriostats" are available at your local home improvement center.
11. Do not operate Humidifier when there is still cleaner in the water.

OFF SEASON STORAGE

1. Clean and dry Humidifier thoroughly per the CLEANING and FILTER CARE section. **Do not leave any water in the Unit while storing.**
2. Dispose of the Evaporative Pad. Do not store a used Evaporative Pad in the Humidifier. **Do not dispose of Pad Holder.**
3. Place Humidifier back in its carton and store in a cool dry place.

TROUBLE SHOOTING GUIDE

TROUBLE	PROBABLE CAUSE	SOLUTION
Foul odor	• Filters need to be replaced • Base/reservoir needs to be cleaned • Whole humidifier needs cleaning	Replace Filter Follow instructions under CLEANING and FILTER CARE Follow instructions under CLEANING and FILTER CARE
Filter discoloration Water discoloration	• Mineral deposits in water • Humidifier needs to be cleaned • Hard water - iron in water • Some humidifier additives can cause discoloration	Replace Filter Follow instructions under CLEANING and FILTER CARE Use filtered or distilled water
No water show	• No water in Humidifier • Hose not connected to water show • Hose not connected to pump	Fill with cool water Connect Hose to Water Show Connect Hose to Pump



Key	Part Number	Description	Qty.
1	2011930	Switch Knob	1
2	2011931	Top	1
3	2001183	Spring	1
4	02010558SS	Lens Holder	1
5	2001224	Screw .139/.149 x 5/16" #6 PTH	1
6	2011937	Lens	1
7	2011942	Reticulated Filter Foam	1
8	02010539	Gasket	1
9	2011939	Chassis	1
10	2001223	Screw .139/.149 x 1/2" #6 PTH	15
11	2011930	Blade	1
12	2001501	Blade Clamp	1
13	02030031SG	Grounded Motor/Control Box Assembly	1
14	*	Screw #6 - 1/2" AB PPH	2
15	2010558SS	Nozzle	1
16	*	Motor Basket and Lower Pump Housing	1
17	02010548SS	Water Distribution Block	1
18	2060090	Clear Tubing 1/4" x 5 7/8"	1
19	2060007	Clear Tubing 1/4" x 14"	1
20	2011933	Filter Holder Back	1
21	2010600	Filter	1
22	2011934	Filter Holder Front	1
23	2011935G	Drip Shield	1
24	2011936	Base	1
25	2010415	Rubber Feet	4

* - Included with #13 Motor Assembly

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